

AMENDMENTS TO THE CLAIMS:

1 - 17 (Canceled)

18. (Currently Amended) A device for heating food by means of induction, comprising:

heating means including a secondary winding formed from a current conductor and a heating element connected to said secondary winding; and
a winding core disposed inside said secondary winding.

19. (Currently Amended) The device according to claim 18, ~~including said~~ wherein ~~the winding core is configured as~~ substantially rotationally symmetrical.

20. (Currently Amended) The device according to claim 18, ~~including said~~ wherein ~~the winding core is~~ configured as a pot core.

21. (Currently Amended) The device according to claim 20, ~~including said~~ wherein ~~the winding core~~ includes a central column having a first axial height and an annular side wall having a second axial height different from ~~[[said]]~~ the first axial height.

22. (Currently Amended) The device according to claim 18, ~~including said~~ wherein ~~the winding core~~ includes a plurality of core elements.

23. (Currently Amended) The device according to claim 22, ~~including said~~ wherein the core elements are arranged on a substantially circular path and configured substantially as circular-ring-segment-shaped.

24. (Currently Amended) The device according to claim 23, ~~including said~~ wherein the core elements are ~~formed~~ substantially U-shaped in one radial cross-section.

25. (Currently Amended) The device according to claim 23, ~~including said~~ wherein the core elements are ~~formed~~ substantially E-shaped in one radial cross-section.

26. (Currently Amended) The device according to claim 22, ~~including~~ further comprising retaining means which interconnect ~~[[said]]~~ the core elements in a load-bearing manner.

27. (Currently Amended) The device according to claim 26, ~~including said~~ wherein the retaining means ~~include~~ further comprises a printed circuit board.

28. (Currently Amended) The device according to claim 26, ~~including said~~ wherein the retaining means is ~~configured as~~ substantially ring-shaped.

29. (Currently Amended) The device according to claim 18, ~~including said~~ wherein the secondary winding is arranged on a printed circuit board.

30. (Currently Amended) The device according to claim 18, ~~including said~~ wherein the secondary winding is ~~arranged as~~ substantially spiral-shaped.

31. (Currently Amended) The device according to claim 18, ~~including said~~ wherein the heating element includes the same number of ~~substantially identical~~ heating conductors as the winding core has core elements.

32. (Currently Amended) The device according to claim 31, ~~including~~ wherein at least two heating conductors are arranged substantially symmetrically with respect to one another and ~~especially~~ in a substantially circular heating area.

33. (Currently Amended) The device according to claim 31, ~~including said~~ wherein the heating conductors are arranged in a substantially circular heating area and each ~~[[said]]~~ of the heating ~~conductor~~ conductors is arranged substantially uniformly distributed in a piece-of-cake-shaped segment.

34. (Previously Presented) A device for transmitting energy to a device for heating food by means of induction, comprising:

a primary winding formed from a current conductor and connected to a voltage source; and

a winding core located inside said primary winding.

35. (Currently Amended) The device according to claim 34, ~~including said~~ wherein the winding core ~~is configured as~~ substantially rotationally symmetrical.

36. (Currently Amended) The device according to claim 34, ~~including said~~ wherein the winding core ~~is~~ configured as a pot core.

37. (Currently Amended) The device according to claim 36, ~~including said~~ wherein the winding core includes a central column having a first axial height and an annular side wall having a second axial height different from ~~[[said]]~~ the first axial height.

38. (Currently Amended) The device according to claim 34, ~~including said~~ wherein the winding core includes a plurality of core elements.

39. (Currently Amended) The device according to claim 38, ~~including said~~ wherein the core elements are arranged on a substantially circular path and configured substantially as circular-ring-segment-shaped.

40. (Currently Amended) The device according to claim 38, ~~including said~~ wherein ~~the~~ the core elements are ~~formed~~ substantially U-shaped in one radial cross-section.

41. (Currently Amended) The device according to claim 38, ~~including said~~ wherein ~~the~~ the core elements are ~~formed~~ substantially E-shaped in one radial cross-section.

42. (Currently Amended) The device according to claim 38, ~~including further~~ comprising retaining means which ~~interconnect said~~ interconnects the core elements in a load-bearing manner.

43. (Currently Amended) The device according to claim 42, ~~including said~~ wherein ~~the~~ the retaining means ~~include~~ includes a printed circuit board.

44. (Currently Amended) The device according to claim 42, ~~including said~~ wherein ~~the~~ the retaining means is ~~configured as~~ substantially ring-shaped.

45. (Currently Amended) The device according to claim 34, ~~including said~~ wherein ~~the~~ the primary winding is arranged on a printed circuit board.

46. (Currently Amended) The device according to claim 34, ~~including said~~ wherein ~~the~~ the primary winding is ~~arranged as~~ substantially spiral-shaped.

47. (Currently Amended) The device according to claim ~~[[34]]~~ 38, ~~including said~~
further comprising a heating element, wherein the heating element includes the same number of
~~substantially identical~~ heating conductors as the winding core has core elements.

48. (Currently Amended) The device according to claim 47, ~~including~~ wherein the
heating element further comprises at least two heating conductors ~~[[are]]~~ arranged substantially
symmetrically with respect to one another and ~~especially~~ in a substantially circular heating area.

49. (Currently Amended) The device according to claim 47, ~~including said~~ wherein
the heating element further comprises a plurality of heating conductors arranged in a
substantially circular heating area ~~[[and]]~~ , each ~~[[said]]~~ of the heating ~~conductor~~ conductors
being arranged substantially uniformly distributed in a piece-of-cake-shaped segment.

50. (New) A device for heating food by induction, the device comprising:
a container for containing the food to be heated; and
a heating section fixed to the container and having
a secondary winding formed from a current conductor;
a winding core having an outer wall, an inner wall, and a base connecting
the outer wall and the inner wall such that the outer wall, inner wall and base form a trough in
which the secondary winding is positioned; and
a heating element electrically connected to the secondary winding and
positioned adjacent to the container,

wherein the outer wall and the inner wall are substantially circular and are arranged concentrically.

51. (New) A device for transmitting energy to a device for heating food by induction, the device comprising:

a primary winding formed from a current conductor and connected to a voltage source; and

a winding core having an outer wall, an inner wall, and a base connecting the outer wall and the inner wall such that the outer wall, inner wall and base form a trough in which the primary winding is positioned,

wherein the outer wall and the inner wall are substantially circular and are arranged concentrically.